

FIG. 1

FIG. 2

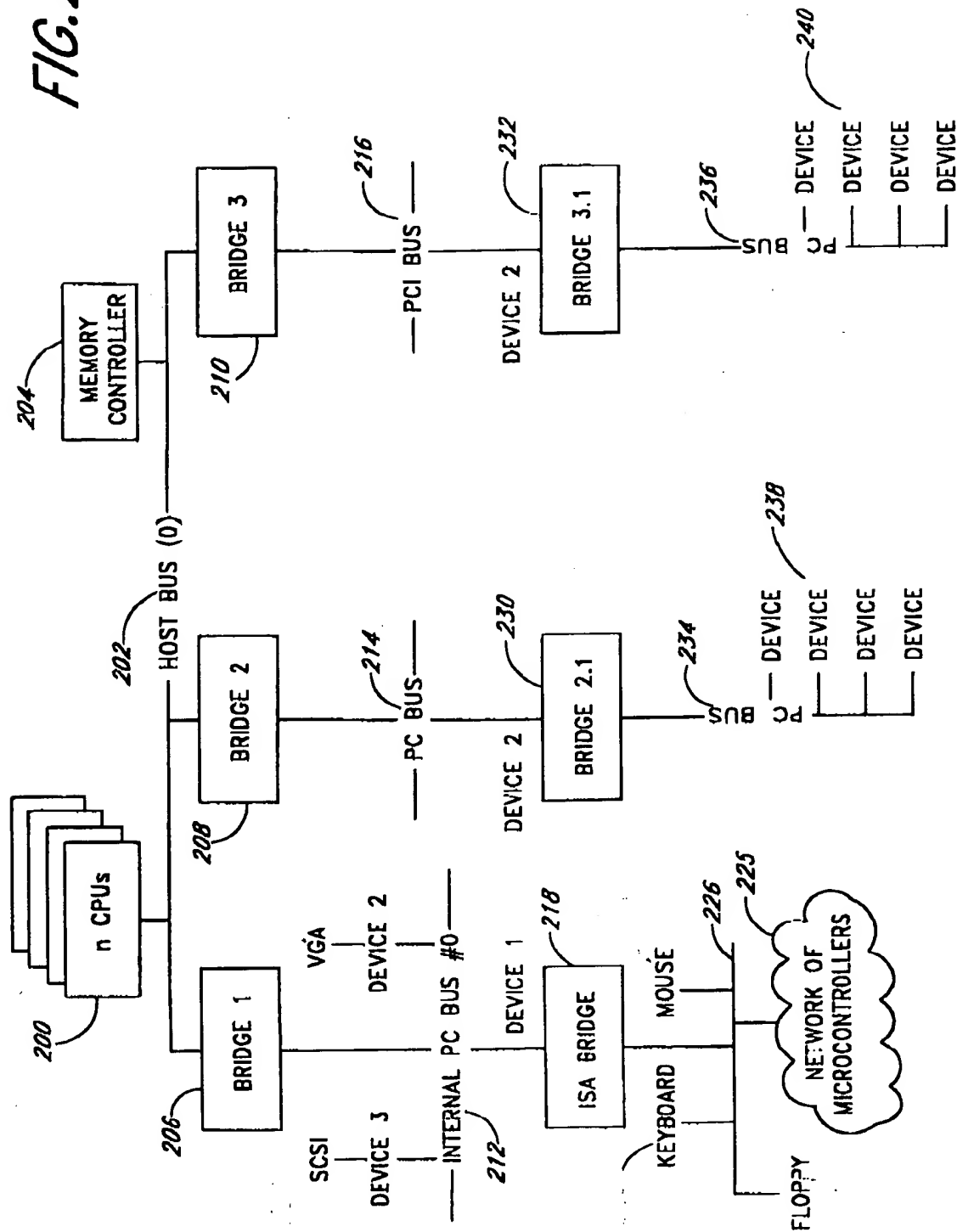


FIG. 3

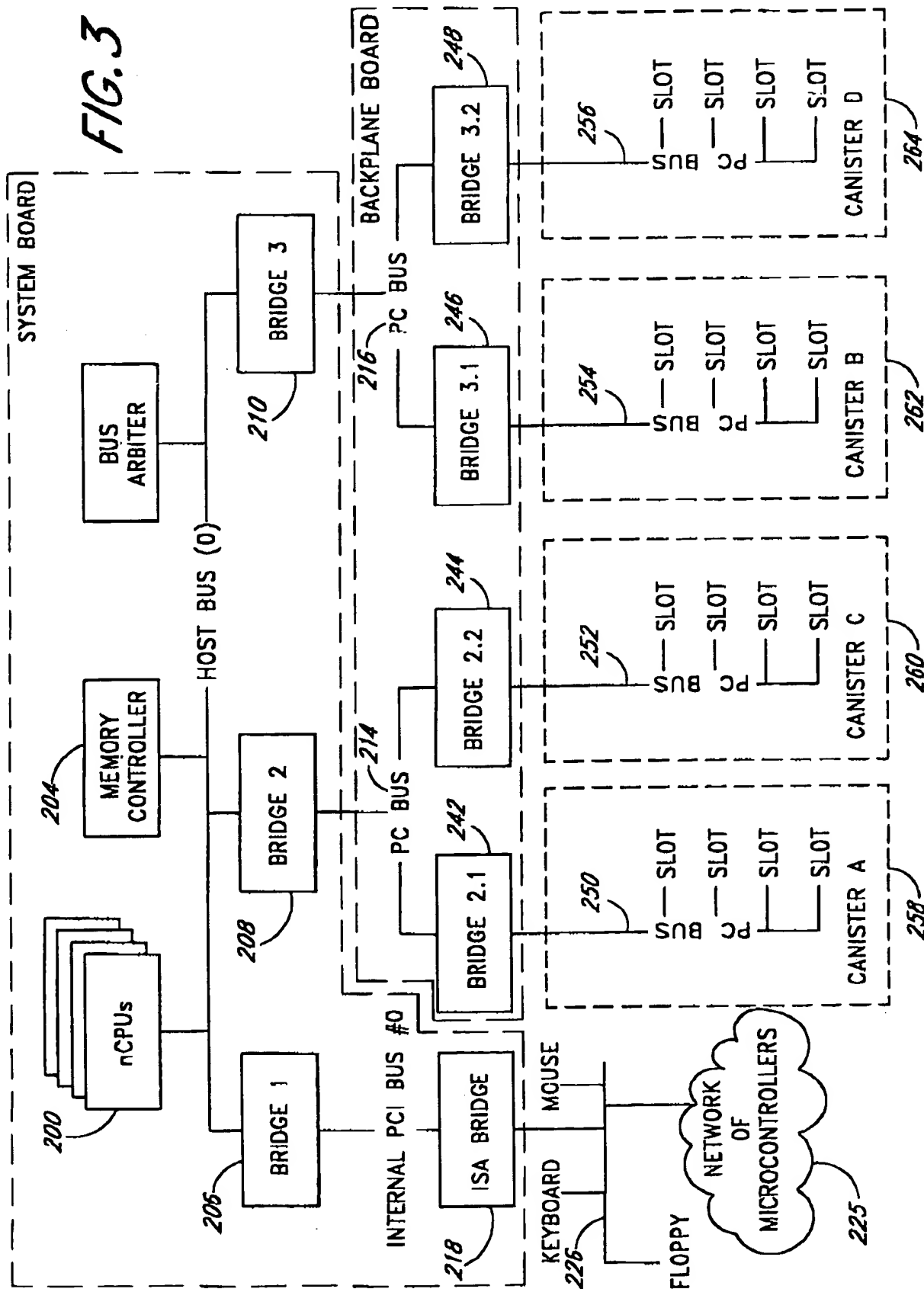
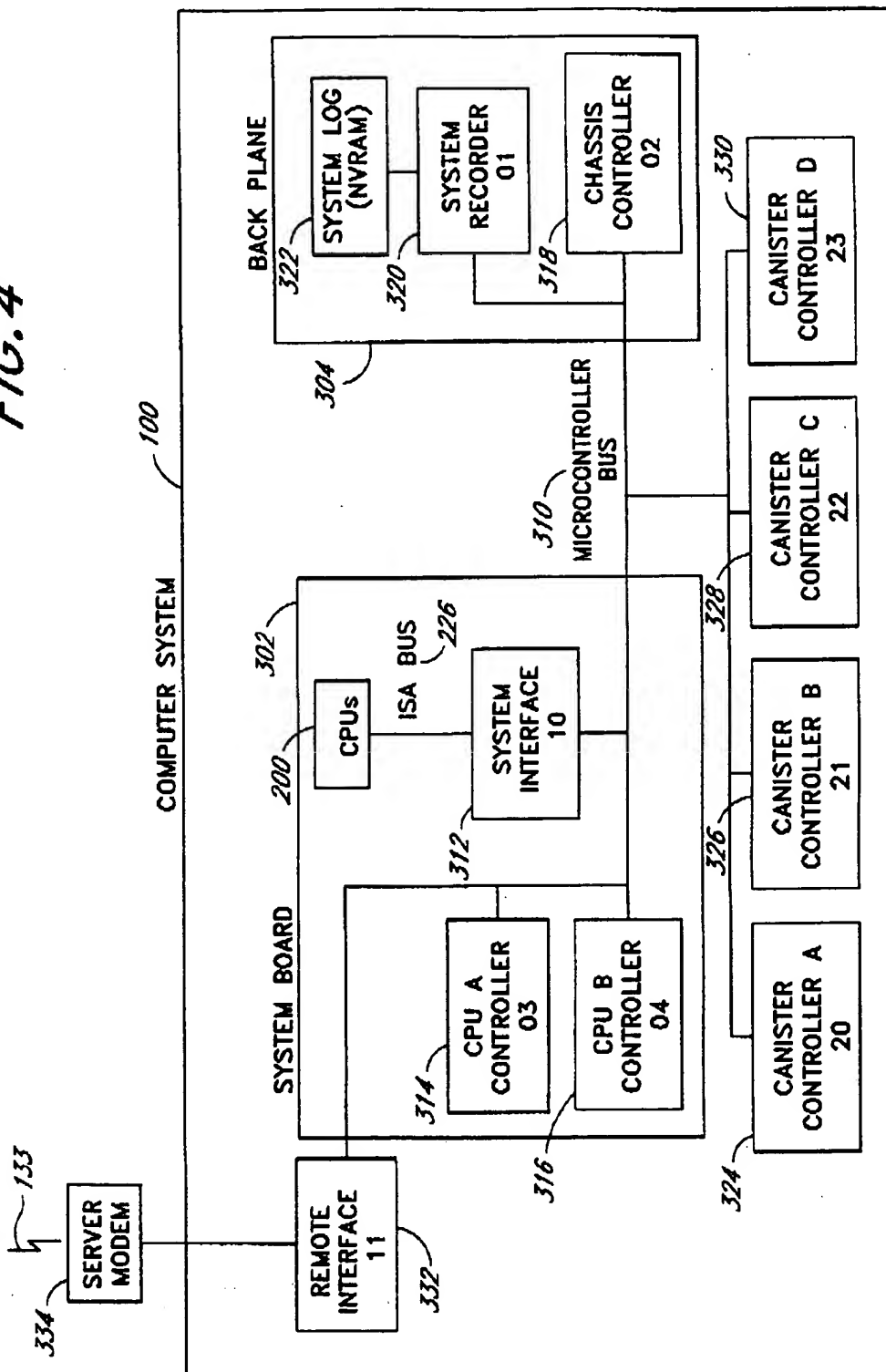
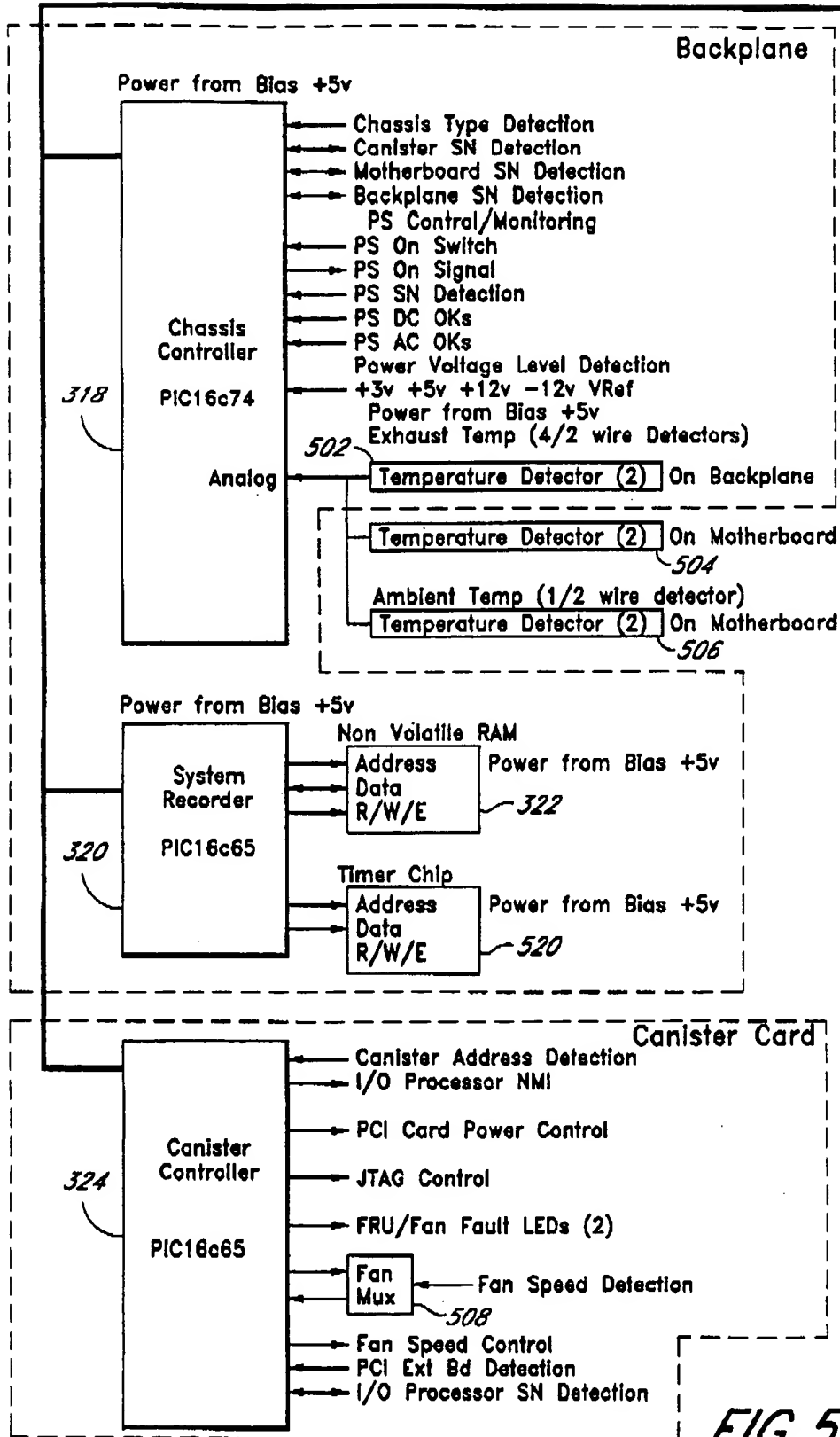




FIG. 4

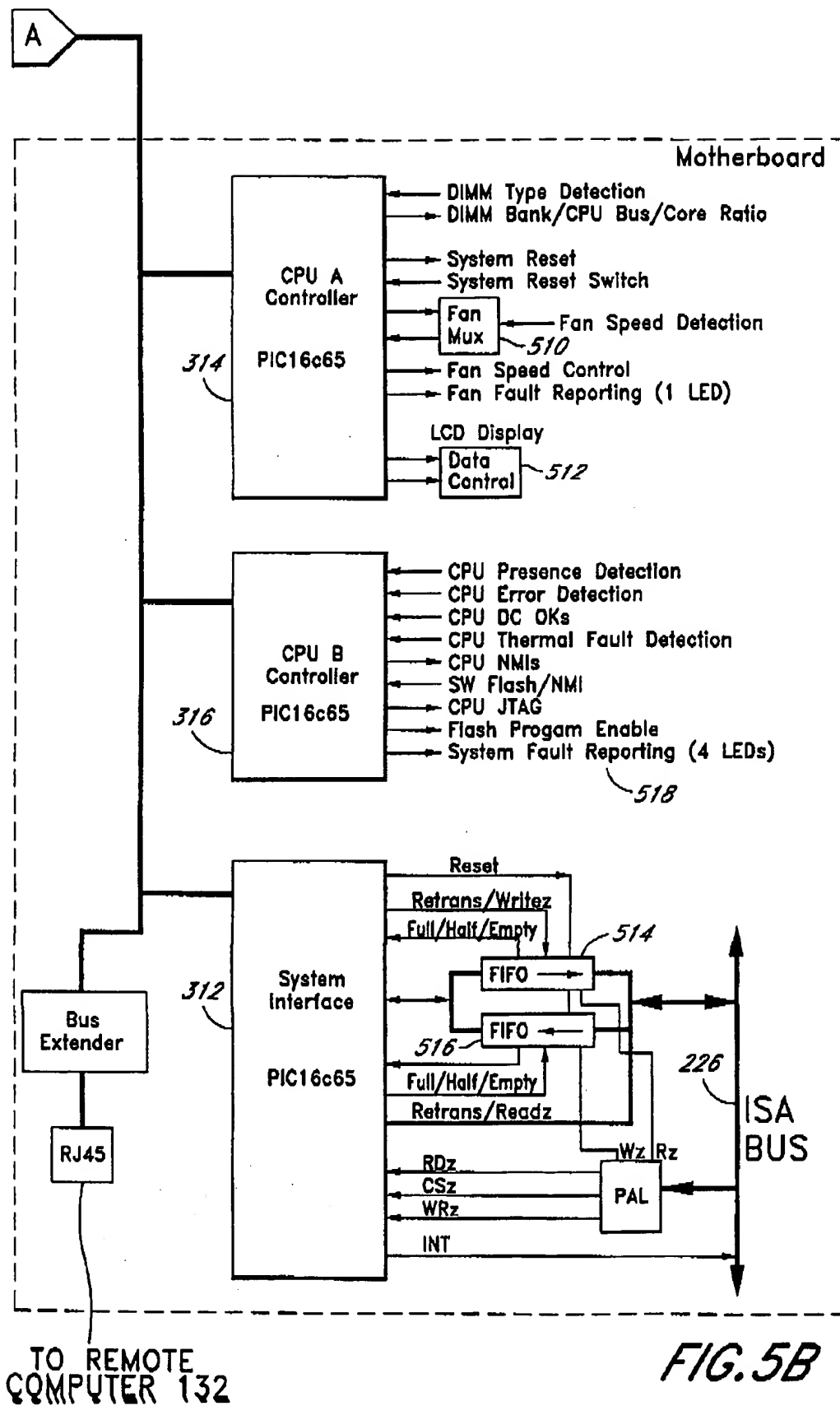


# Microcontroller Network Bus



**FIG. 5A**

0894306-100197



PROCESS FOR REMOTE CONTROL  
OF LOCAL DIAGNOSTIC SERVICES

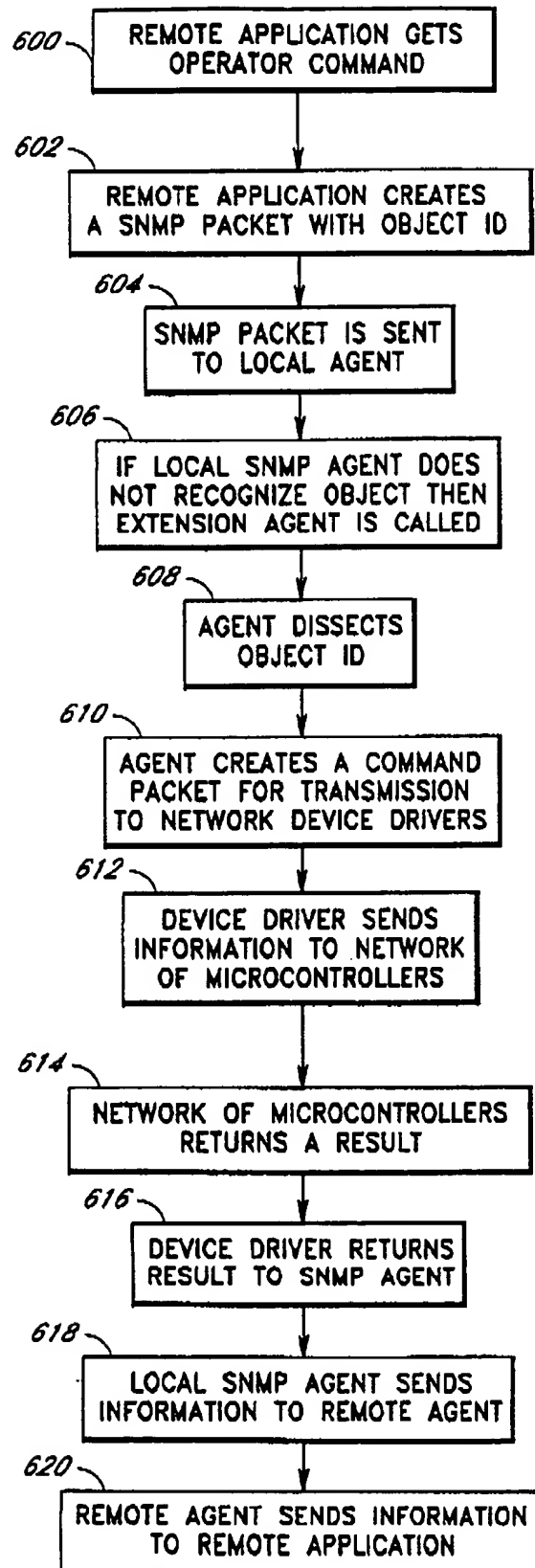


FIG. 6

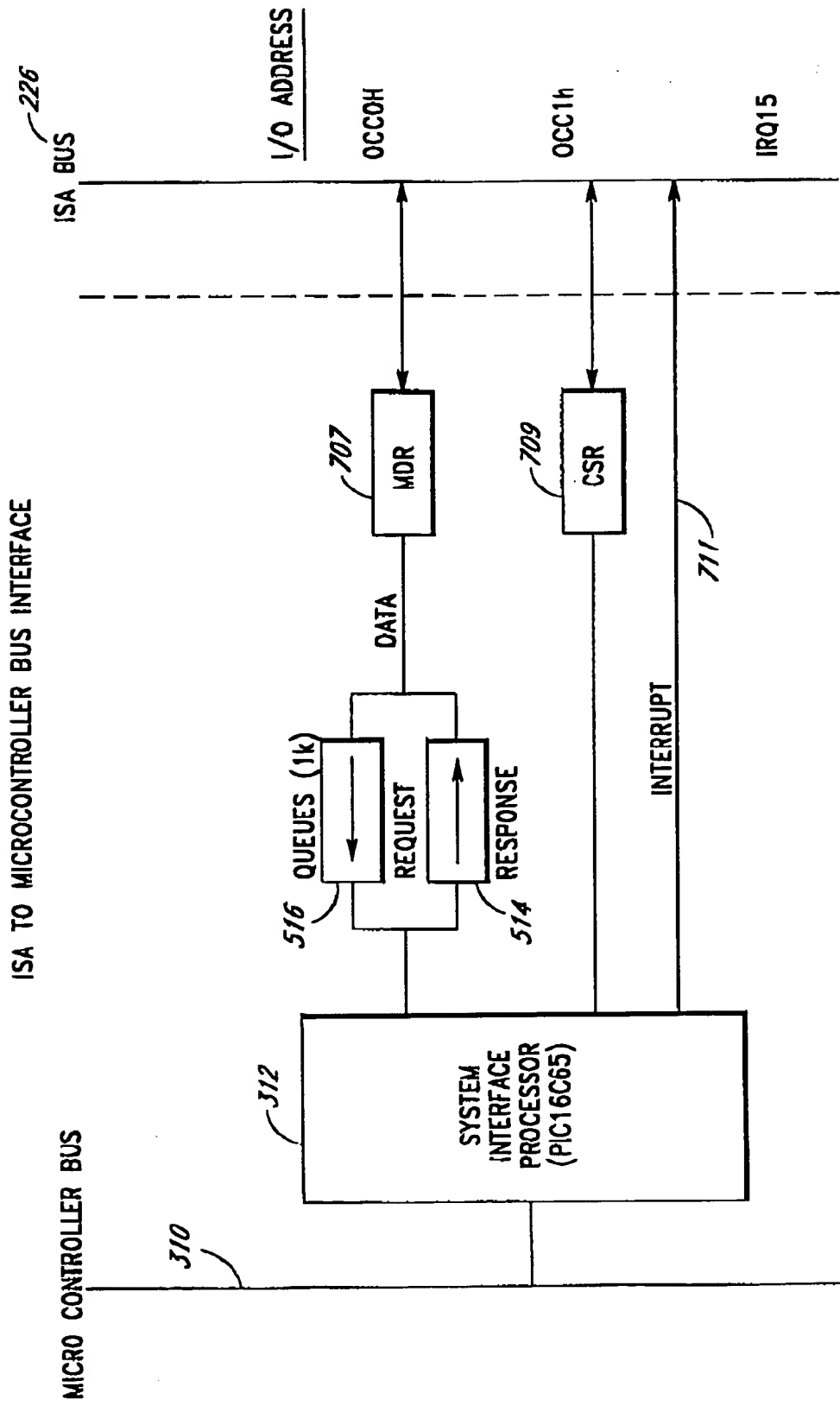


FIG. 7



# MASTER TO SLAVE COMMUNICATION

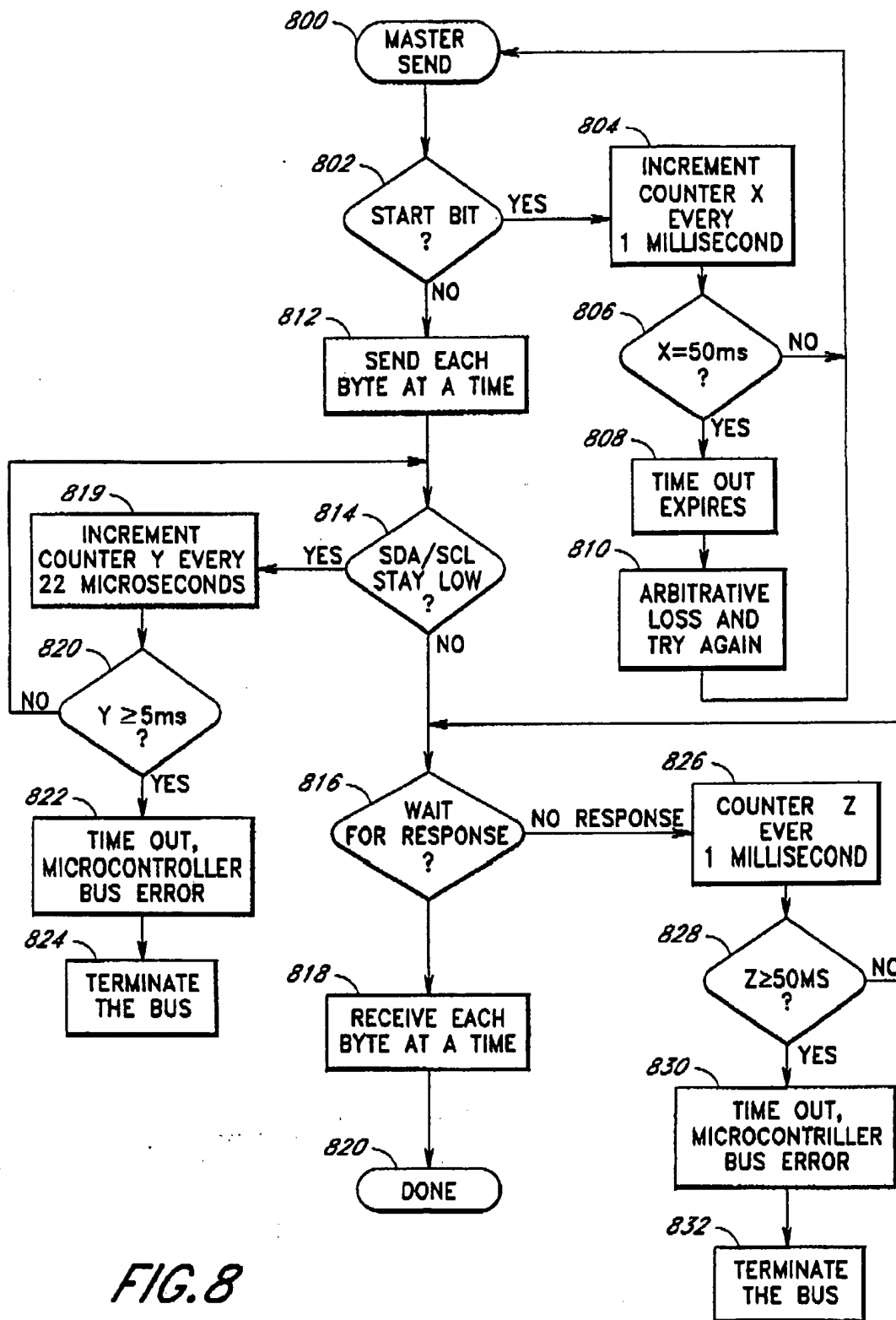


FIG. 8

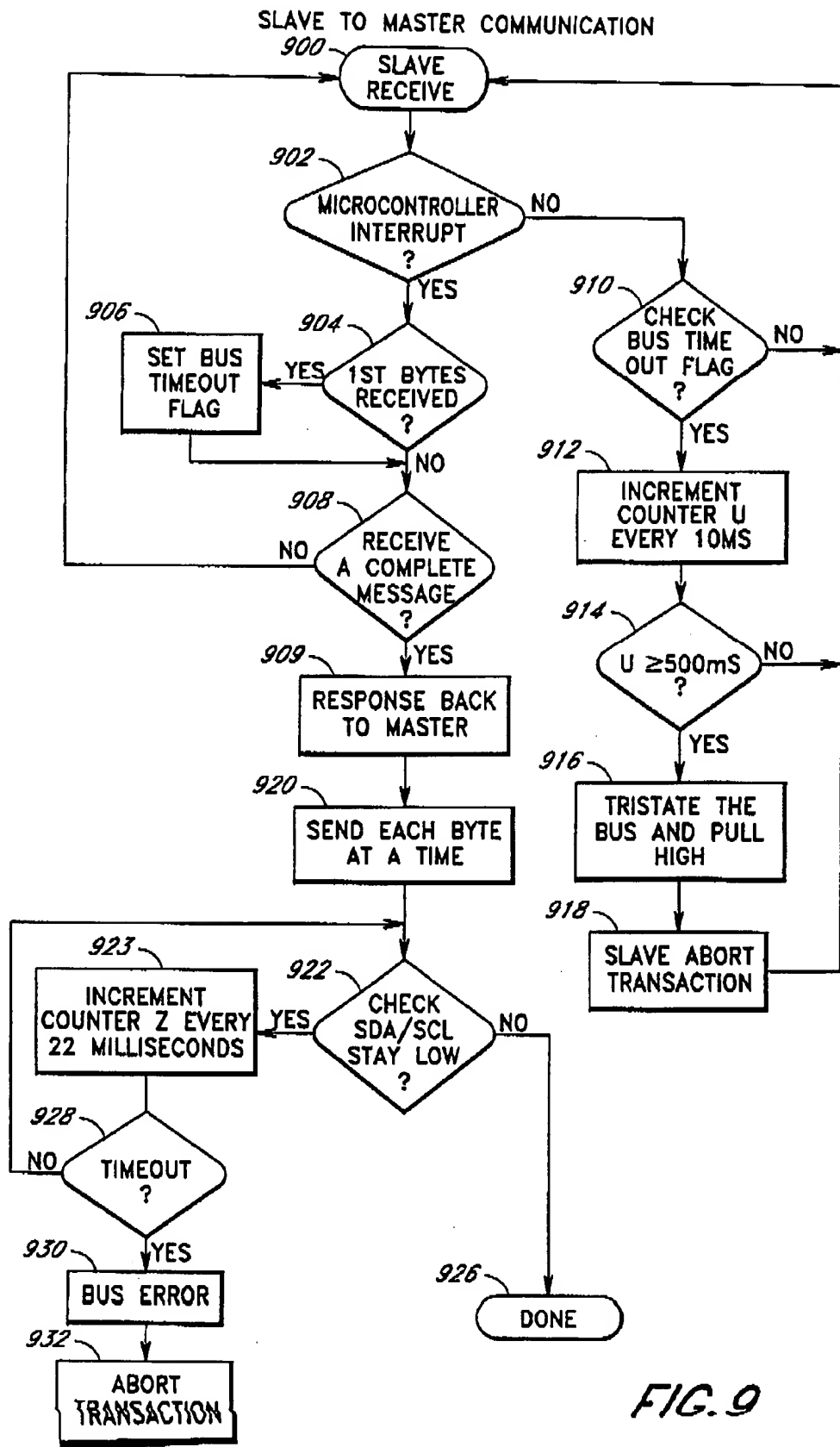


FIG. 9

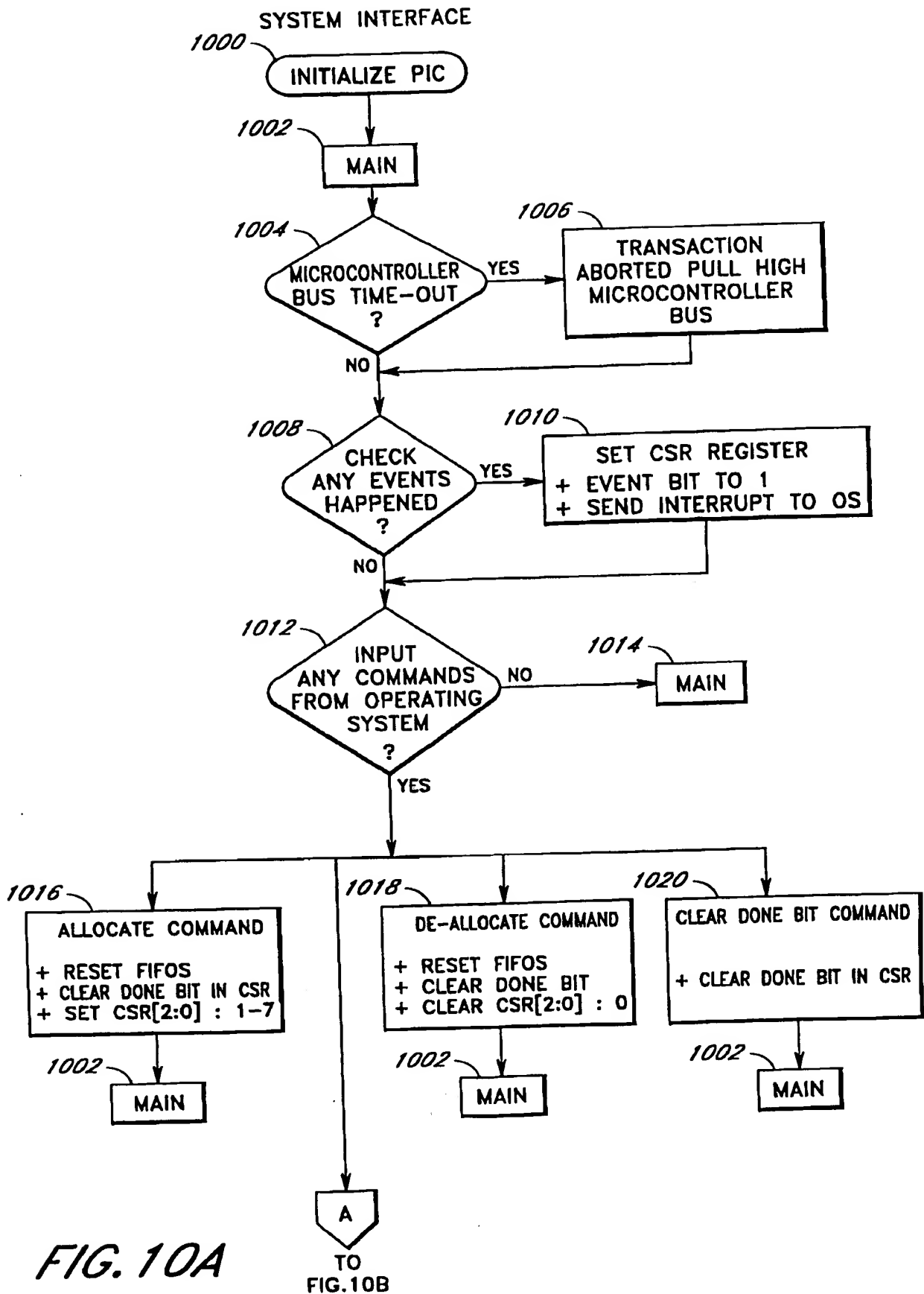


FIG. 10A

SYSTEM INTERFACE (CONTINUED)

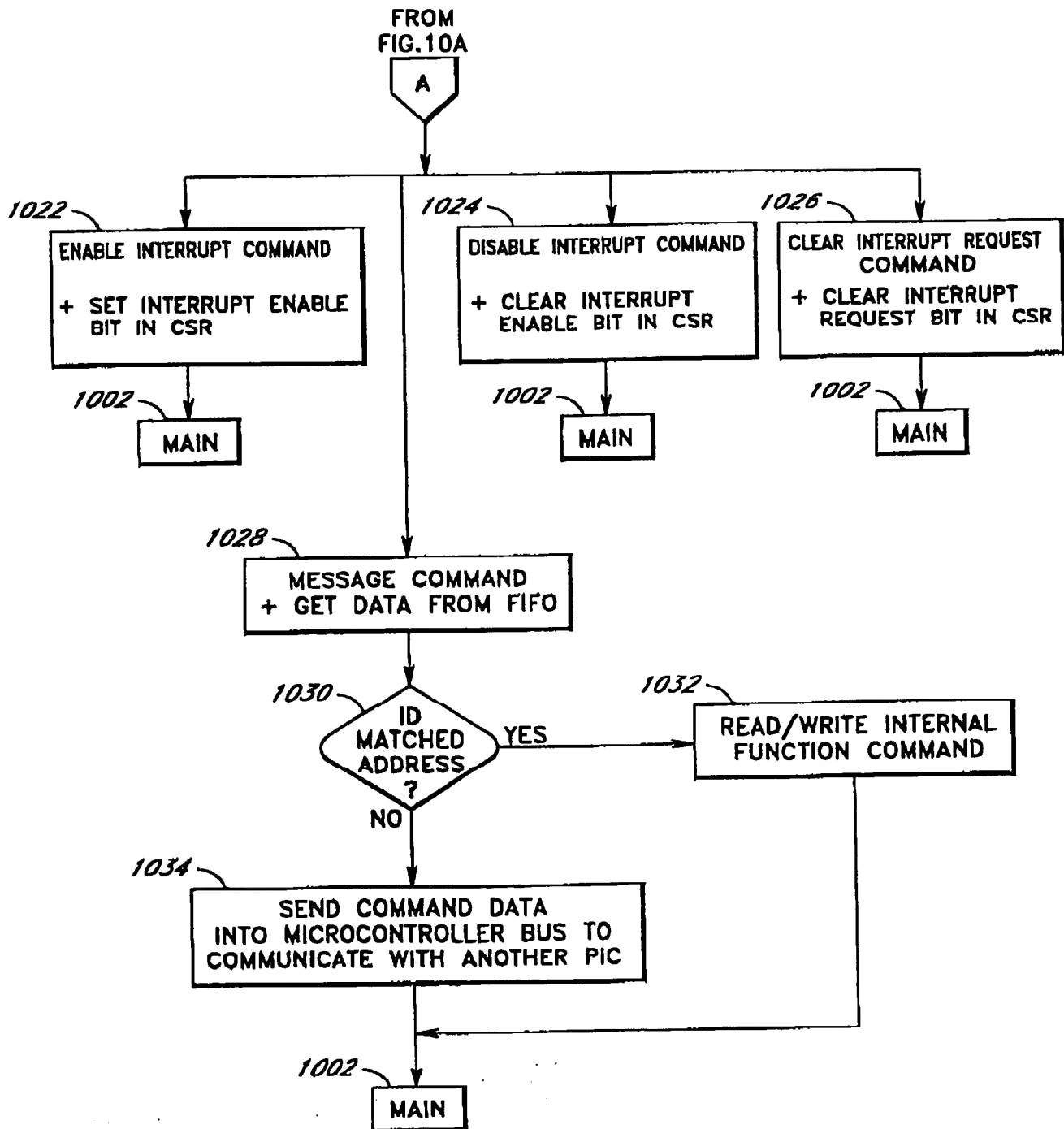


FIG. 10B

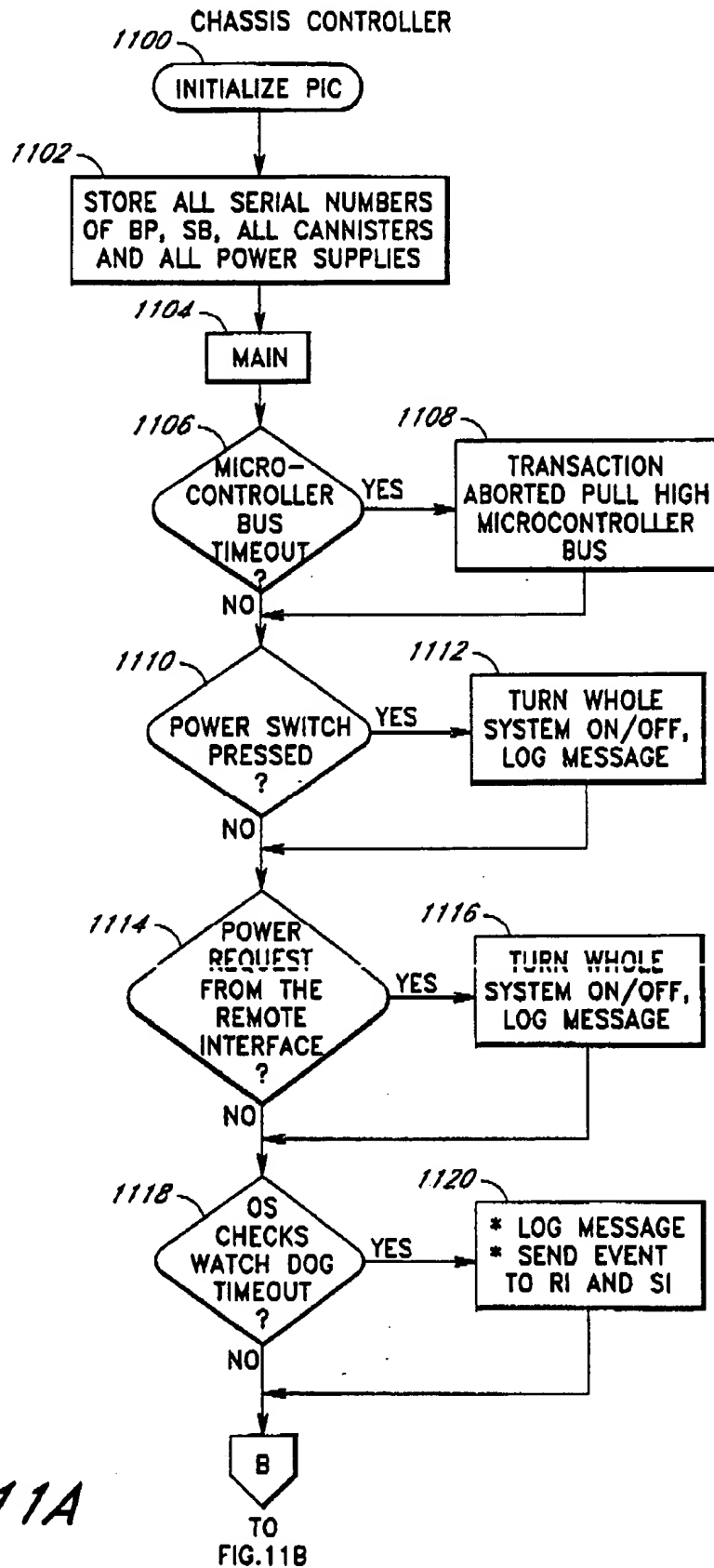


FIG. 11A

# CHASSIS CONTROLLER (CONTINUED)

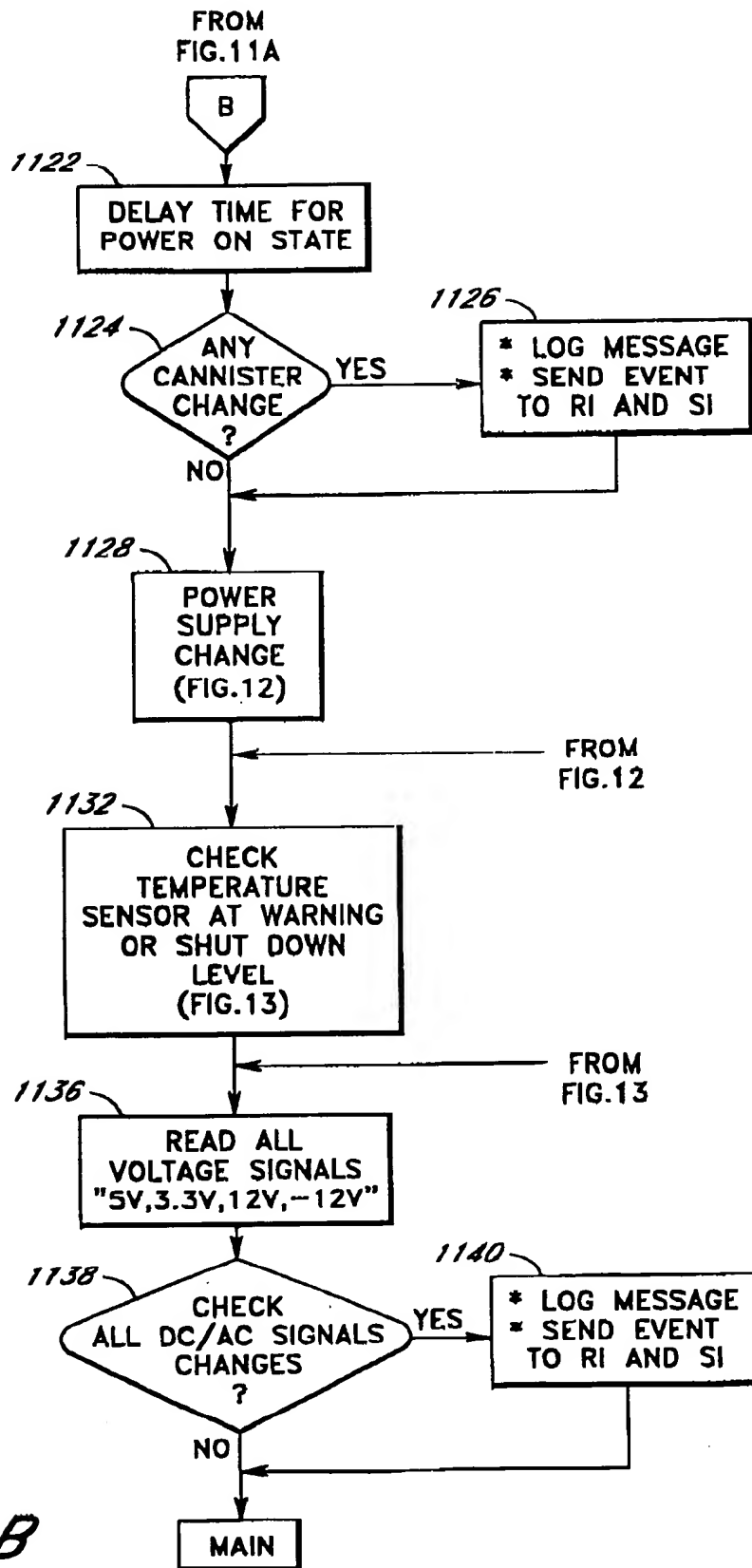


FIG. 11B

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```

graph TD
    PS_SUPPLY[POWER SUPPLY 1200] --> MAIN([MAIN])
    MAIN --> CHECK_BIT_1{CHECK BIT PS PRESENT #1 1202}
    CHECK_BIT_1 -- "YES (PRESENT)" --> PS_1_REMOVED{PS #1 REMOVED? 1204}
    CHECK_BIT_1 -- "NO (NOT PRESENT)" --> PS_1_INSERTED{PS #1 INSERTED? 1206}
    PS_1_REMOVED -- "YES" --> LOG_1_REMOVE[LOG "POWER SUPPLY #1 IS REMOVED" MESSAGE INTO NVRAM 1208]
    PS_1_REMOVED -- "NO" --> X1((X 1212))
    PS_1_INSERTED -- "YES" --> LOG_1_INSERT[LOG "POWER SUPPLY #1 IS INSERTED" MESSAGE INTO NVRAM 1210]
    PS_1_INSERTED -- "NO" --> X1
    LOG_1_REMOVE --> X1
    LOG_1_INSERT --> X1
    X1 --> CHECK_BIT_2{CHECK BIT PS_PRESENT #2 1220}
    CHECK_BIT_2 -- "YES (PRESENT)" --> PS_2_REMOVED{PS #2 REMOVED? 1224}
    CHECK_BIT_2 -- "NO (NOT PRESENT)" --> PS_2_INSERTED{PS #2 INSERTED? 1226}
    PS_2_REMOVED -- "YES" --> LOG_2_REMOVE[LOG "POWER SUPPLY #2 IS REMOVED" MESSAGE INTO NVRAM 1228]
    PS_2_REMOVED -- "NO" --> X2((X 1232))
    PS_2_INSERTED -- "YES" --> LOG_2_INSERT[LOG "POWER SUPPLY #2 IS INSERTED" MESSAGE INTO NVRAM 1230]
    PS_2_INSERTED -- "NO" --> X2
    LOG_2_REMOVE --> X2
    LOG_2_INSERT --> X2
    X2 --> AC_DC_CHANGED{AC/DC CHANGED? 1234}
    AC_DC_CHANGED --> LOG_AC_DC[LOG "AC/DC IS CHANGED" MESSAGE INTO NVRAM 1236]
    LOG_AC_DC --> TO_11B[TO FIG.11B]
  
```

**FIG. 12**

**FIG. 12**

TO  
FIG.11B

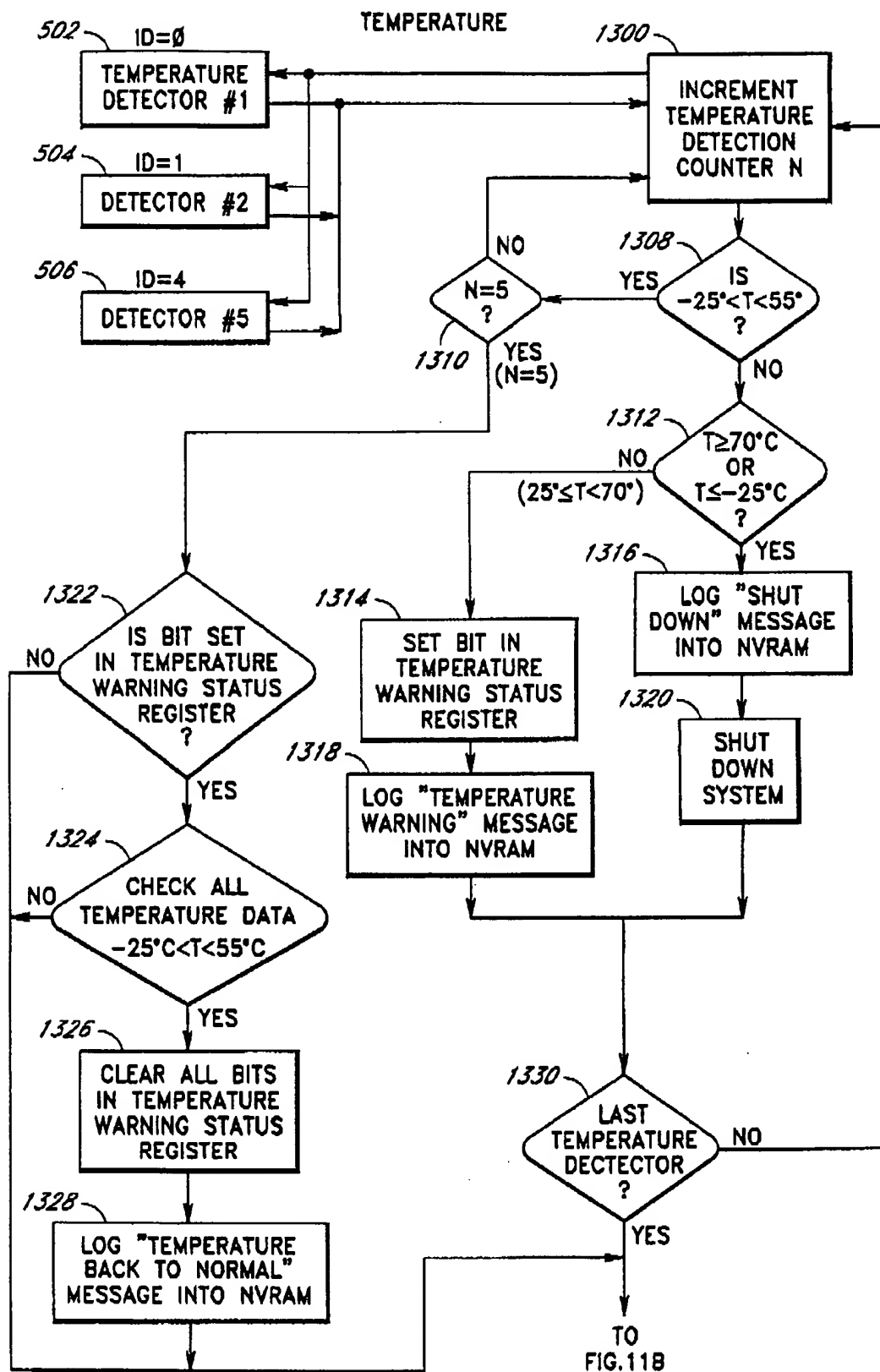
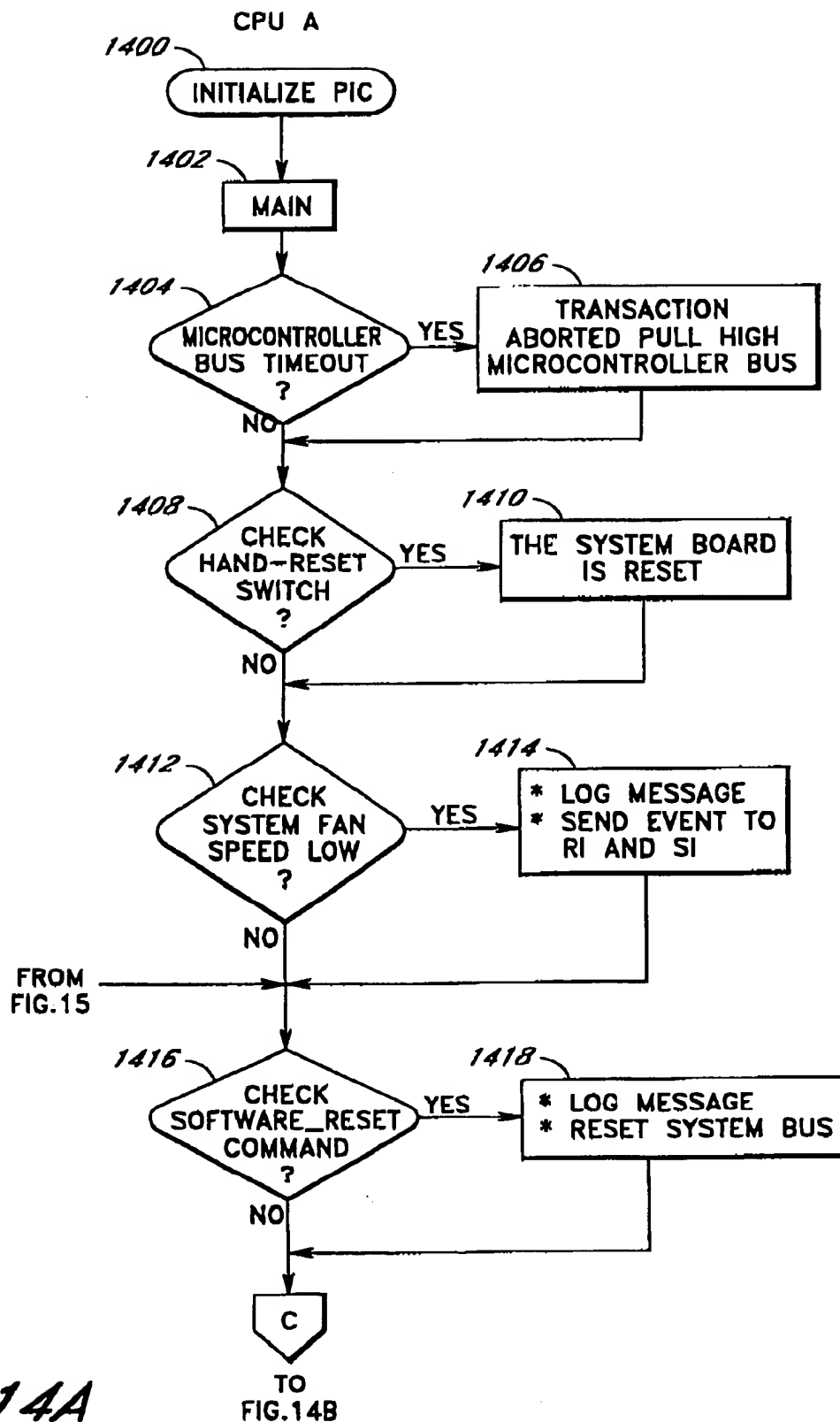


FIG. 13





**FIG. 14A**

2025 RELEASE UNDER E.O. 14176

CPU A (CONTINUED)

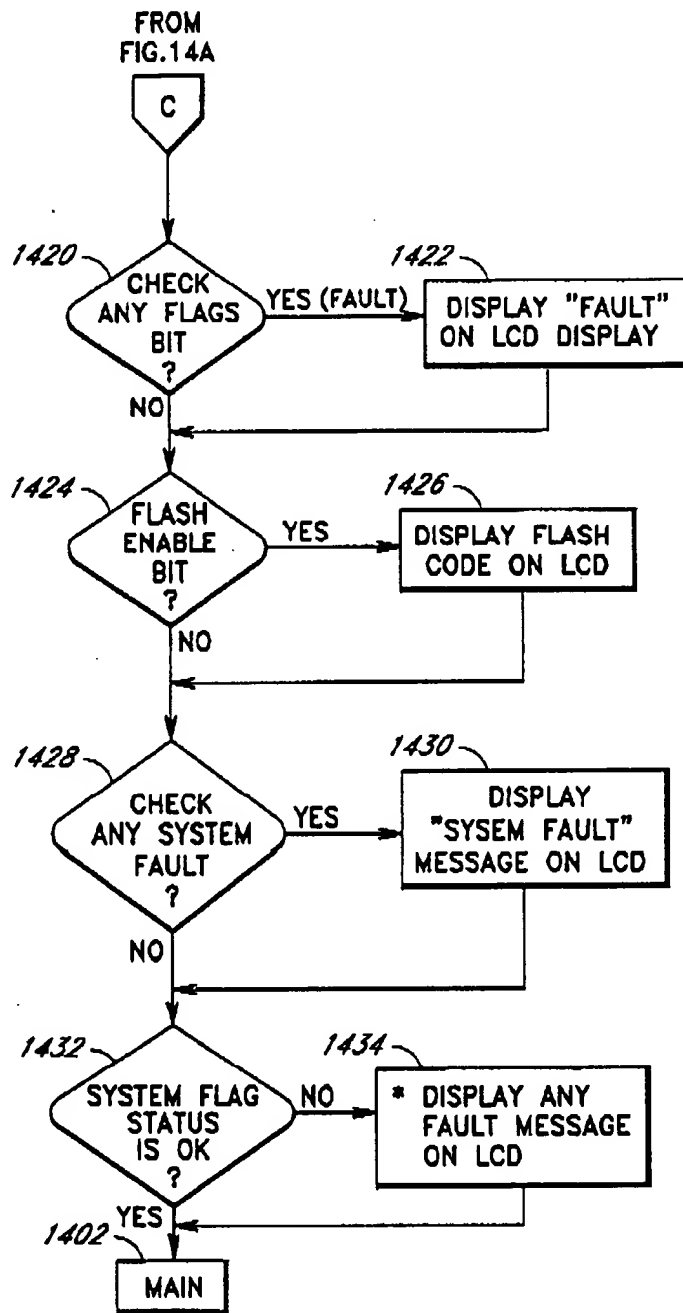


FIG. 14B

464001 2044580

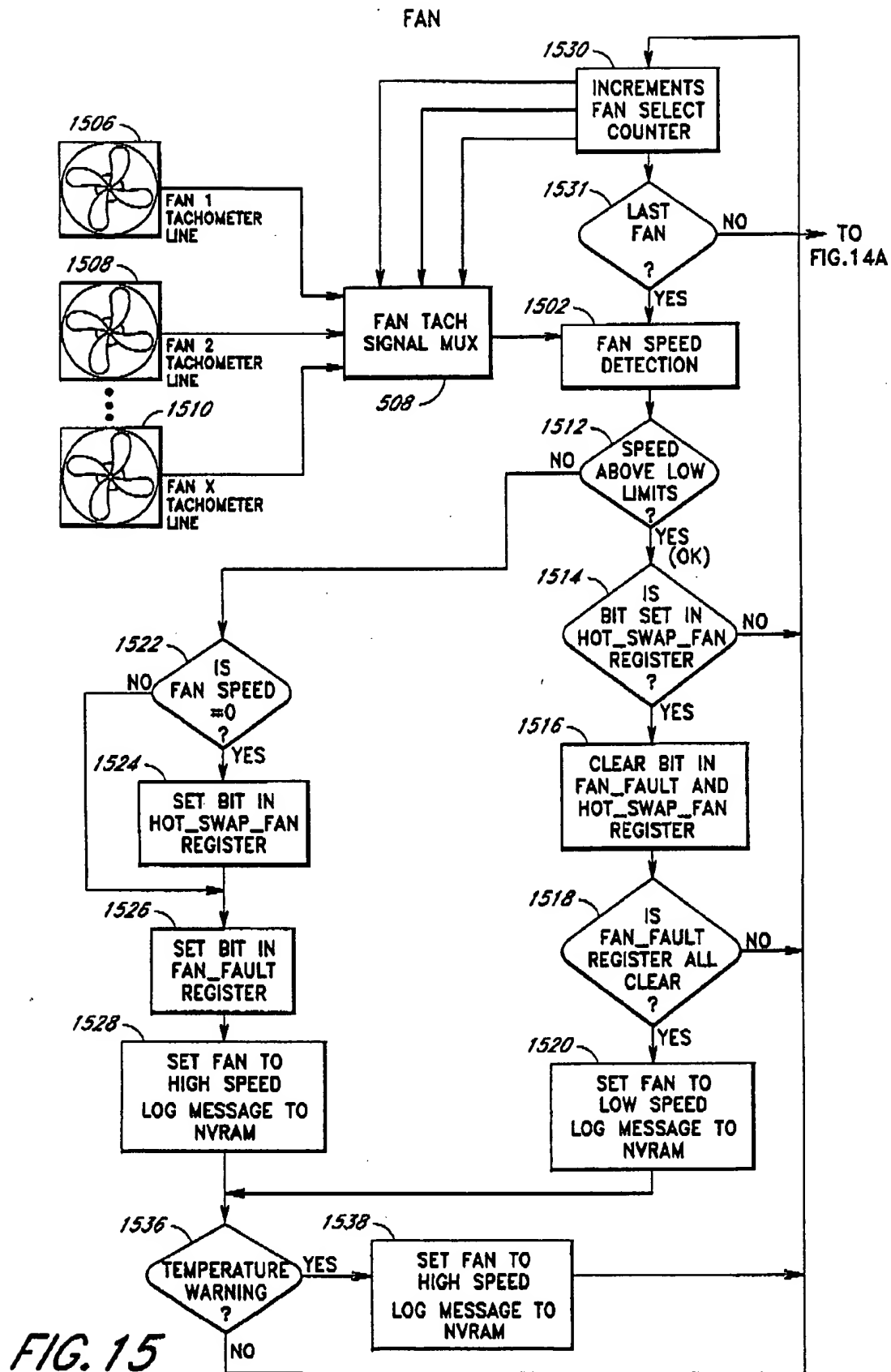
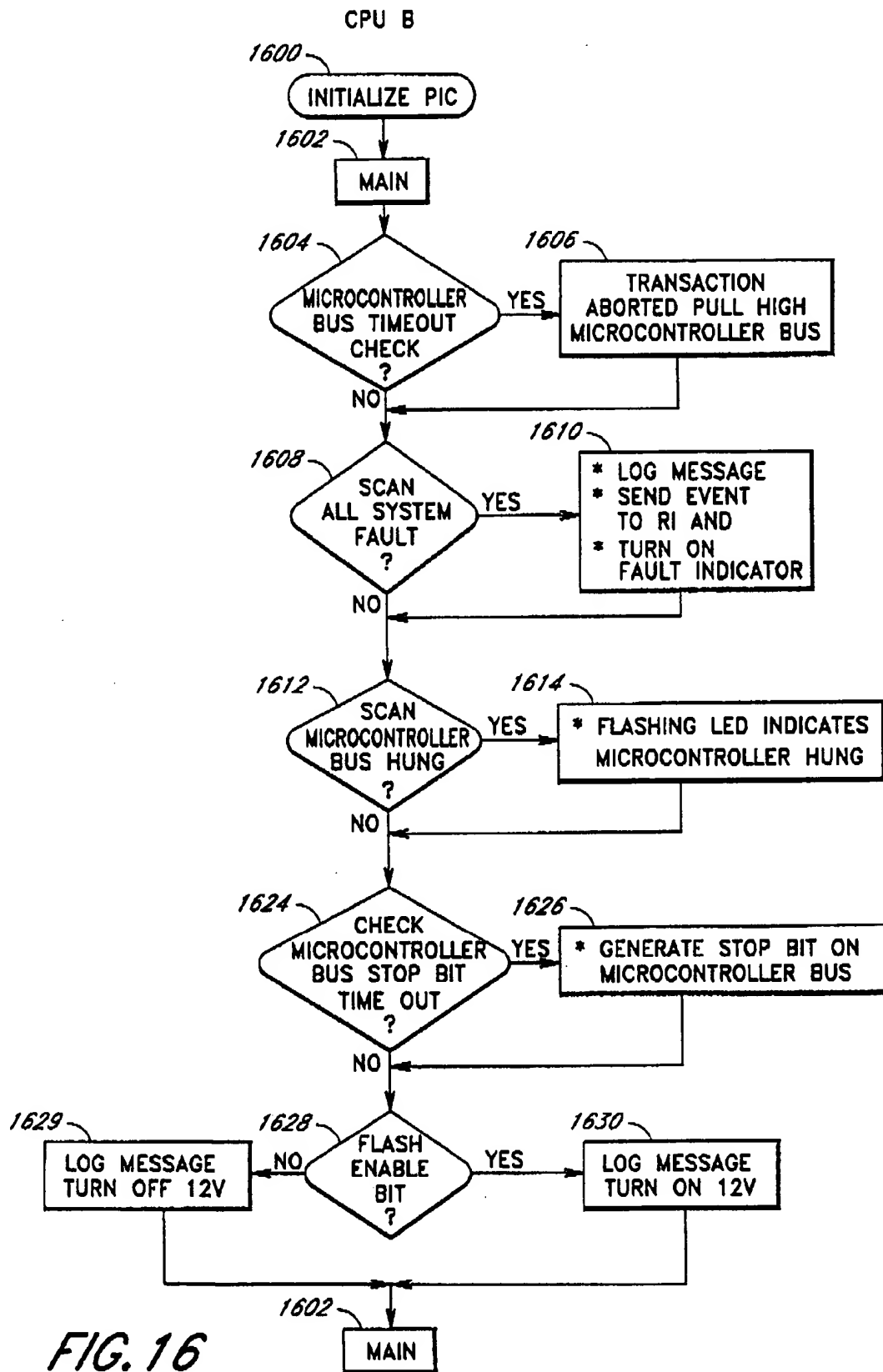


FIG. 15

0042403 100497



2025-10-24 10:24:20

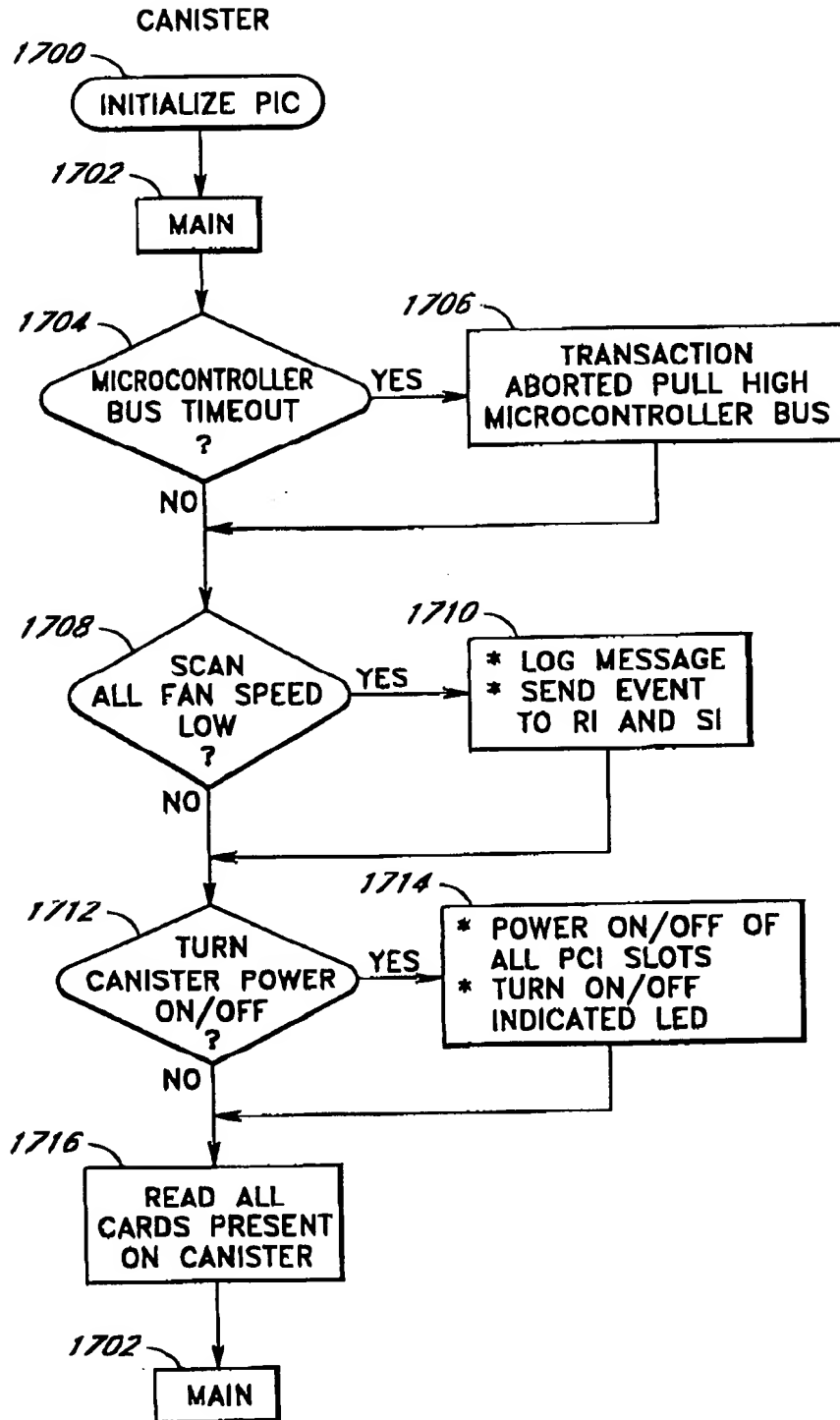


FIG. 17

# SYSTEM RECORDER

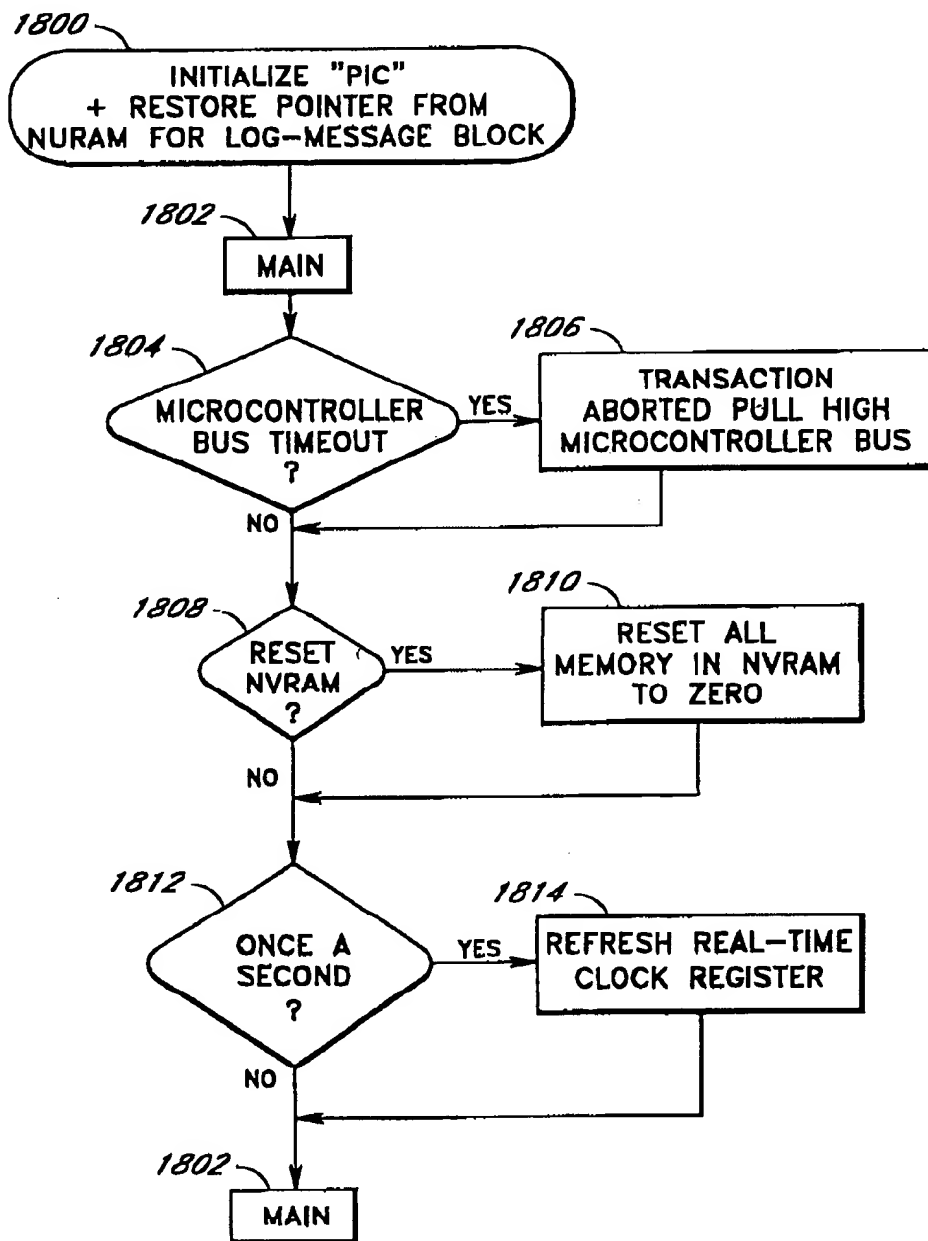


FIG. 18